What is claimed is:

1. A near infrared absorption material comprising:

a transparent substrate, and

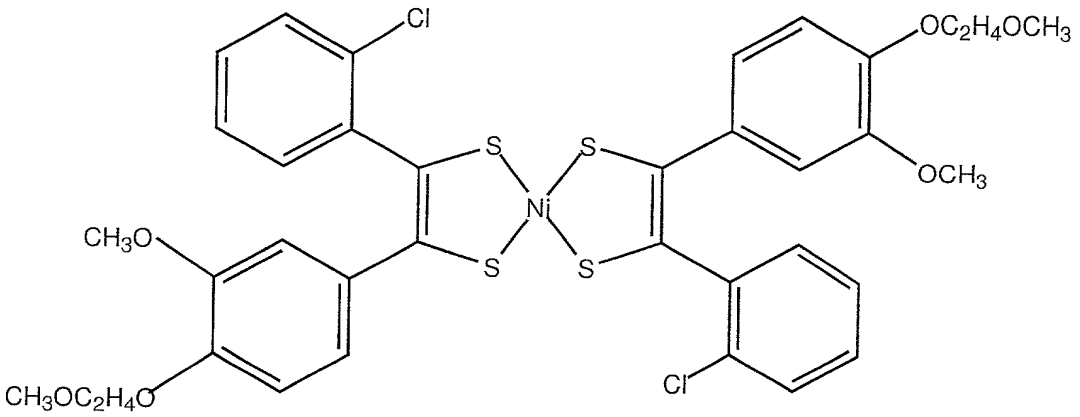
at least a transparent resin layer formed thereon, containing a near infrared absorption dye and a dye selectively absorbing a light of 550 to 620 nm wavelength region.

2. A near infrared absorption material comprising:

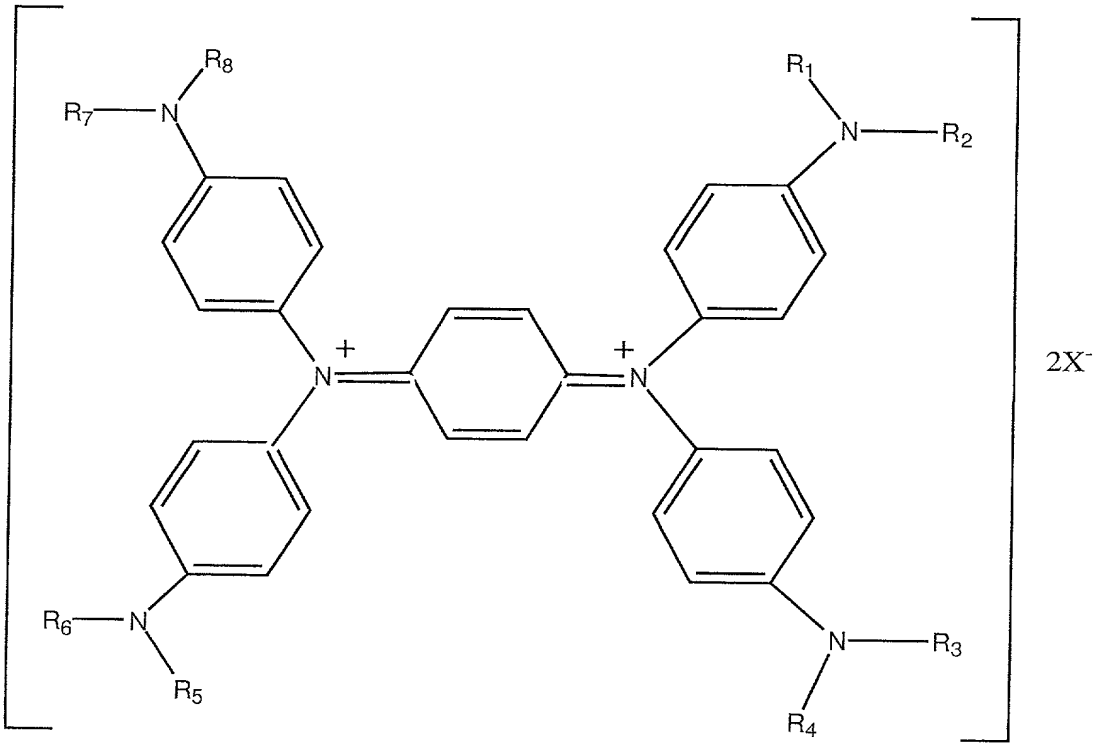
a transparent substrate, and

at least a transparent resin layer containing a near infrared absorption dye and an adhesive layer containing a dye selectively absorbing a light of 550 to 620 nm wavelength region, both formed on the transparent substrate so that the adhesive layer becomes the outermost layer.

3. A near infrared absorption material according to Claim 1 or 2, wherein the near infrared absorption dye is a dithiol-nickel complex represented by the following formula (1):

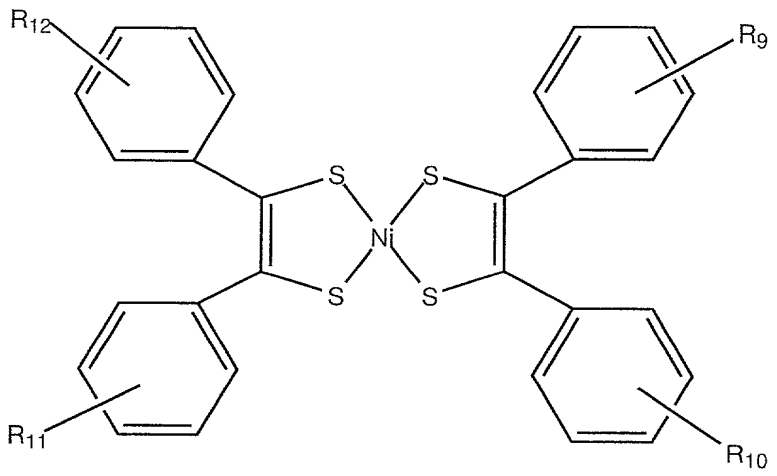


and at least one kind of diimonium compound represented by the following general formula (2):



(wherein R_1 to R_8 may be the same or different and are each a hydrogen atom, a C_{1-12} alkyl group or a C_{6-12} aryl group; and X is an anion typified by SbF_6^-, ClO_4^-, NO_3^- or a halogen ion).

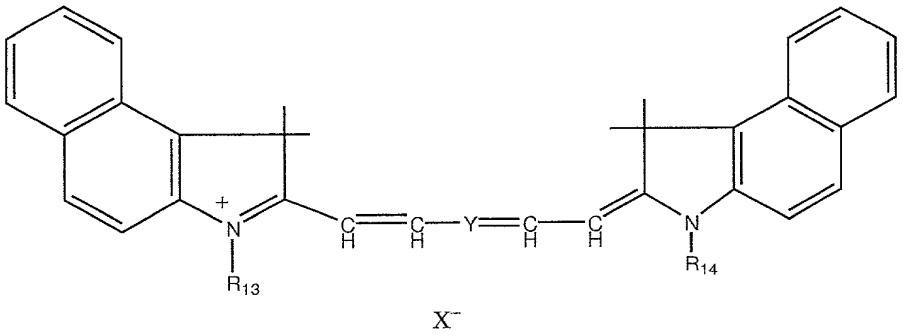
4. A near infrared absorption material according to any of Claims 1 to 3, which further contains at least one kind of dithiol-nickel complex represented by the following general formula (3):



(wherein R_9 to R_{12} may be the same or different and are each a hydrogen atom, a C_{1-4} alkylene group, an aryl group, an aralkyl group, an alkylamino group, an alkoxy group or a halogen atom).

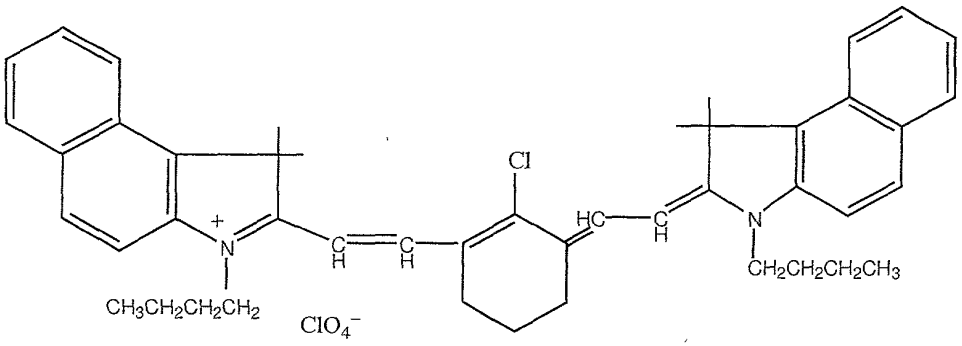
5. A near infrared absorption material according to any of Claims 1 to 3, which further contains at least one

kind of polymethine dye represented by the following general formula (4):

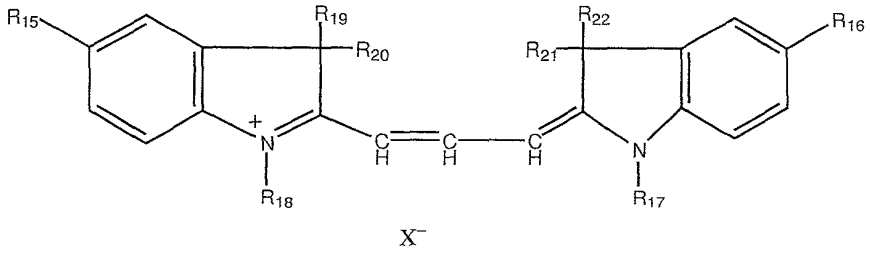


(wherein R_{13} and R_{14} may be the same or different and are each a hydrogen atom, a C_{1-12} alkyl group, a C_{6-12} aryl group, an alkenyl group, an aralkyl group or an alkinyl group; Y is a sulfur atom, a methine group or a chlorocyclohexene group; and X is an anion typified by SbF_6^-, ClO_4^-, NO_3^- or a halogen ion).

6. A near infrared absorption material according to Claim 5, wherein the polymethine dye is represented by the following general formula (5):



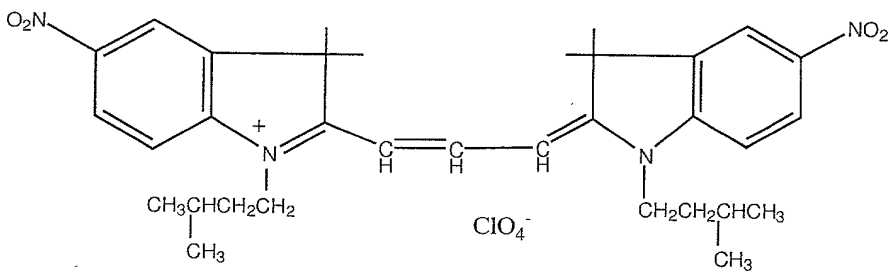
7. A near infrared absorption material according to any of Claims 1 to 3, wherein the dye selectively absorbing a light of 550 to 620 nm wavelength region is at least one kind of cyanin dye represented by the following general formula (6):



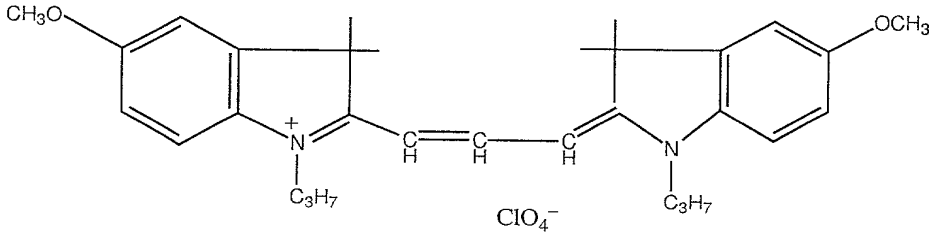
(wherein R_{15}, R_{16}, R_{19}, R_{20}, R_{21} and R_{22} may be the same or different and are each a hydrogen atom, a C_{1-12} alkyl or alkoxy group, an amino group, a cyano group, a nitro group or a carboxyl group; R_{17} and R_{18} may be the same or different and are

each a hydrogen atom, a C_{1-12} alkyl group, a C_{6-12} aryl group, an alkenyl group, an aralkyl group or an alkinyl group; and X is an anion typified by SbF_6^-, ClO_4^-, NO_3^- or a halogen ion).

8. A near infrared absorption material according to Claim 7, wherein the dye selectively absorbing a light of 550 to 620 nm wavelength region is at least one dye selected from the dyes represented by the following general formula (7):



and the dyes represented by the following general formula (8):



9. A near infrared absorption material according to

Claim 1 or 2, wherein the transparent substrate is made from a polycarbonate, a polyarylate or both of them.

10. A near infrared absorption material according to Claim 1 or 2, wherein the transparent substrate is made from at least one kind selected from a polyethylene terephthalate, a polyethylene naphthalate and a polycycloolefin.

11. A filter for plasma display panel, made from a near infrared absorption material set forth in any of Claims 1 to 10.